

Serial No.: 09/616,944

B4
Concl.

monomer capable of forming a conductive high polymer layer as shown in Fig. 2 (d), and lifted, then heated (also dried) by a heating oven 24 as shown in Fig. 2 (e). Thus, as shown in Fig. 2 (f), an anode foil 1 forming a solid organic conductive material 2 on the surface is composed. Next, as shown in Fig. 2 (g), thus constituted anode foil 1 and the cathode foil 3 formed by etching the aluminum foil 21 are wound through a separator 4. In this way, a capacitor element 12 is composed. The subsequent process is same as in the above manufacturing method. The capacitor element 12 is put into a cylindrical metallic case 8 with a bottom together with electrolyte 10. The releasing end of the metallic case 8 is sealed, by using a sealing member 7, so that an anode lead 5 and a cathode lead 6 for external lead-out being led out from the anode foil 1 and cathode foil 3 respectively may penetrate through the sealing member 7. Thus, the side of the metallic case 8 is covered with an external tube 9.--

IN THE CLAIMS

Please cancel claim 31 without prejudice or disclaimer.

Please amend claims 21 and 29 to read as follows:

- B5
21. A manufacturing method of electrolytic capacitor comprising the steps of:
- (a) fabricating a positive electrode,
 - (b) fabricating a negative electrode,
 - (c) forming a solid organic conductive material on the surface of said positive electrode, and
 - (d) disposing an electrolyte between said positive electrode having said solid organic conductive material and said negative electrode.